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 TITLE: Homogeneous immunoassay using enzyme inhibitors
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 PATENT ASSIGNEE(S): Syntex (U.S.A.) Inc., USA
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CA 2076291	AA	19930220	CA 1992-2076291	19920818
US 5972630	A	19991026	US 1991-747082	19910819
EP 532187	A1	19930317	EP 1992-307525	19920818
EP 532187	B1	19961030		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
JP 05249112	A2	19930928	JP 1992-262661	19920818
AT 144840	E	19961115	AT 1992-307525	19920818
US 5919641	A	19990706	US 1995-451326	19950526

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AB A method is described for detg. the presence of an analyte which is a specific binding pair member in a sample suspected of containing the analyte. The method involves (1) bringing together, in an aqueous medium, the sample, an enzyme bound to a 1st specific binding pair member, and an inhibitor of the enzyme bound to a 2nd specific binding pair member, wherein each specific binding pair member is capable of binding to the analyte or to a specific binding pair member complementary to the analyte; (2) analyzing the medium for enzyme activity; and (3) relating enzyme activity to the amount of analyte present in the medium. Compns. of matter and kits are also disclosed. An assay for digoxin using e.g. randomly labeled anti-digoxin antibody-deoxygalactostatin inhibitor conjugate and thiol-labeled digoxin-galactosidase conjugate is described; enzyme activity was a function of digoxin concentration Other assays for digoxin determination and for cyclosporine determination are also described, as is preparation of appropriate conjugates.

IT 149379-62-4E

RL: RCT (Reactant); SPN (Synthetic preparation); PREP
 (Preparation); RACT (Reactant or reagent)

(preparation and reaction of, in reagent preparation for cyclosporine immunoassay with enzyme-antigen conjugate and antibody-enzyme inhibitor conjugate)

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CN Cyclosporin A, 1-D-alanine-2-L-alanine-6-[(3R,4R,6E)-6,7-didehydro-N,4-dimethyl-3-[(trimethylsilyl)oxy]-L-2-aminooctanoic acid]- (9CI) (CA INDEX NAME)

